

# PATENT COOPERATION TREATY

From the  
INTERNATIONAL SEARCHING AUTHORITY

# PCT

WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

07 MAR 2006

To: PAUL A. SERBINOWSKI PEARNE & GORDON LLP 1801 EAST 9TH ST. SUITE 1200 CLEVELAND, OH 44114-3108			Date of mailing (day/month/year)
Applicant's or agent's file reference		<b>FOR FURTHER ACTION</b> See paragraph 2 below	
International application No.  PCT/US05/03144	International filing date (day/month/year)  28 January 2005 (28.01.2005)	Priority date (day/month/year)  28 January 2005 (28.01.2005)	
International Patent Classification (IPC) or both national classification and IPC  IPC(7): B32B 7/02; B41M 5/26, 3/12; B44C 1/165; D03D 15/00; G09G 5/00; G01K 3/02-and US Cl.: 156/230,247,272.2; 345/204; 428/40.1,40.9,41.1,41.6,195,212; 442/209,210,212			
Applicant  KENT DISPLAYS INCORPORATED			

COPY

**1. This opinion contains indications relating to the following items:**

- ☒ Box No. I      Basis of the opinion
- ☐ Box No. II      Priority
- ☐ Box No. III      Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV      Lack of unity of invention
- ☒ Box No. V      Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI      Certain documents cited
- ☐ Box No. VII      Certain defects in the international application
- ☐ Box No. VIII      Certain observations on the international application

**2. FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

**3. For further details, see notes to Form PCT/ISA/220.**

Name and mailing address of the ISA/ US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230	Authorized officer Bipin H Shalwala Telephone No. 571-272-7681
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Kuzenka Zagan

**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

PCT/US05/03144

**Box No. I Basis of this opinion**

1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ This opinion has been established on the basis of a translation from the original language into the following language \_\_\_\_\_, which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).

2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:

a. type of material

☐ a sequence listing

☐ table(s) related to the sequence listing

b. format of material

☐ in written format

☐ in computer readable form

c. time of filing/furnishing

☐ contained in international application as filed.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority for the purposes of search.

3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

4. Additional comments:

**WRITTEN OPINION OF THE  
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International application No.  
PCT/US05/03144

**Box No. V Reasoned statement under Rule 43 bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

**1. Statement**

Novelty (N)	Claims <u>1-56</u>	YES
	Claims <u>1-56</u>	NO
Inventive step (IS)	Claims <u>NONE</u>	YES
	Claims <u>1-56</u>	NO
Industrial applicability (IA)	Claims <u>1-56</u>	YES
	Claims <u>NONE</u>	NO

**2. Citations and explanations:**

Claims 1-56 novelty under PCT Article 33(2) as being anticipated by Umeya et al., (U.S. 20030031845 A1). Umeya shows a drapable transfer display film (In abstract) of plurality stacked layers that are prepared on, cured and lifted from a release surface and then transferred to a drapable substrate (In fig.1 and fig.2 and In section 0010,0034 and 0039), the plurality of stacked layers having at least one liquid crystal layer and at least one electrically conductive layer near the liquid crystal layer (In section 0012, 0013, 0034, 0035). Umeya shows adhesive layer to bond the plurality of layers to an adhesive (in section 0037); transfer display film and drape coefficient less than 100% in section 0051); a casting layer applied on the release surface on which other layers (In fig.1) and electrical insulation layer located between the first electrically conductive layer and the liquid crystal layer (in section 0054) and layer having left and right twist cholesteric materials (in section 0036).